

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U092922\
 Data File : VU050984.D
 Acq On : 29 Sep 2022 16:55
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV042

Quant Time: Sep 30 01:46:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 30 01:30:03 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	397803	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	394159	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	216593	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	183430	45.499	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.000%
7) Chloroethane-d5	1.909	69	151491	40.452	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.900%
11) 1,1-Dichloroethene-d2	2.568	63	268848	45.145	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.300%
21) 2-Butanone-d5	4.620	46	250537	95.815	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.820%
24) Chloroform-d	5.060	84	299306	46.081	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.160%
26) 1,2-Dichloroethane-d4	5.700	65	177394	44.124	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.240%
32) Benzene-d6	5.726	84	598396	51.843	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.680%
36) 1,2-Dichloropropane-d6	6.690	67	189391	50.566	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.140%
41) Toluene-d8	7.896	98	562414	52.738	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.480%
43) trans-1,3-Dichloroprop...	8.179	79	90863	50.862	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.720%
47) 2-Hexanone-d5	8.632	63	156388	103.408	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.410%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	321229	49.074	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.140%
66) 1,2-Dichlorobenzene-d4	12.192	152	216540	46.799	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	158823	47.612	ug/L	99
3) Chloromethane	1.520	50	176246	44.719	ug/L	100
5) Vinyl chloride	1.604	62	189236	45.242	ug/L	100
6) Bromomethane	1.851	94	150809	43.527	ug/L	97
8) Chloroethane	1.932	64	120417	39.205	ug/L	99
9) Trichlorofluoromethane	2.137	101	251792	44.770	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	138489	45.602	ug/L	100
12) 1,1-Dichloroethene	2.581	96	128025	45.130	ug/L	90
13) Acetone	2.626	43	168326	80.616	ug/L	98
14) Carbon disulfide	2.793	76	384915	45.902	ug/L	100
15) Methyl Acetate	2.948	43	177402	46.537	ug/L	99
16) Methylene chloride	3.044	84	161651	39.695	ug/L	99
17) trans-1,2-Dichloroethene	3.353	96	139123	46.098	ug/L	98
18) Methyl tert-butyl Ether	3.362	73	446219	48.653	ug/L	100
19) 1,1-Dichloroethane	3.867	63	268685	46.868	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	160909	47.751	ug/L	99
22) 2-Butanone	4.700	43	271474	94.103	ug/L	98
23) Bromochloromethane	4.973	128	85925	46.538	ug/L	97
25) Chloroform	5.086	83	284225	45.581	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	218961	45.839	ug/L	99
29) Cyclohexane	5.388	56	208767	54.396	ug/L	98
30) 1,1,1-Trichloroethane	5.314	97	237087	51.288	ug/L	98
31) Carbon tetrachloride	5.523	117	193428	51.285	ug/L	99
33) Benzene	5.774	78	636483	52.967	ug/L	100
34) Trichloroethene	6.542	95	161526	51.897	ug/L	98
35) Methylcyclohexane	6.764	83	232279	54.833	ug/L	99
37) 1,2-Dichloropropane	6.790	63	169048	52.240	ug/L	100
38) Bromodichloromethane	7.105	83	217532	50.372	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	242286	52.868	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	499864	106.664	ug/L	100
42) Toluene	7.967	91	674414	52.764	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	242217	52.272	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	176029	50.220	ug/L	98
46) Tetrachloroethene	8.552	164	119256	50.560	ug/L	98
48) 2-Hexanone	8.681	43	450753	105.896	ug/L	99
49) Dibromochloromethane	8.809	129	186206	50.528	ug/L	99
50) 1,2-Dibromoethane	8.922	107	189332	49.820	ug/L	100
51) Chlorobenzene	9.446	112	424322	48.817	ug/L	98
52) Ethylbenzene	9.568	91	704340	51.662	ug/L	99
53) m,p-Xylene	9.693	106	278185	54.260	ug/L	99
54) o-Xylene	10.099	106	301602	58.855	ug/L	99
55) Styrene	10.111	104	514264	58.063	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.780	83	311555	50.223	ug/L	98
59) Bromoform	10.291	173	146768	46.054	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	261350	45.852	ug/L	100
61) Isopropylbenzene	10.484	105	710464	50.495	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	603971	52.495	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	649384	56.315	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	354710	48.902	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	357874	49.357	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	347416	46.618	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	77882	46.823	ug/L	97
69) 1,3,5-Trichlorobenzene	13.217	180	243311	49.466	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	203131	50.474	ug/L	99
71) Naphthalene	14.086	128	827944	57.479	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	246892	54.977	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

